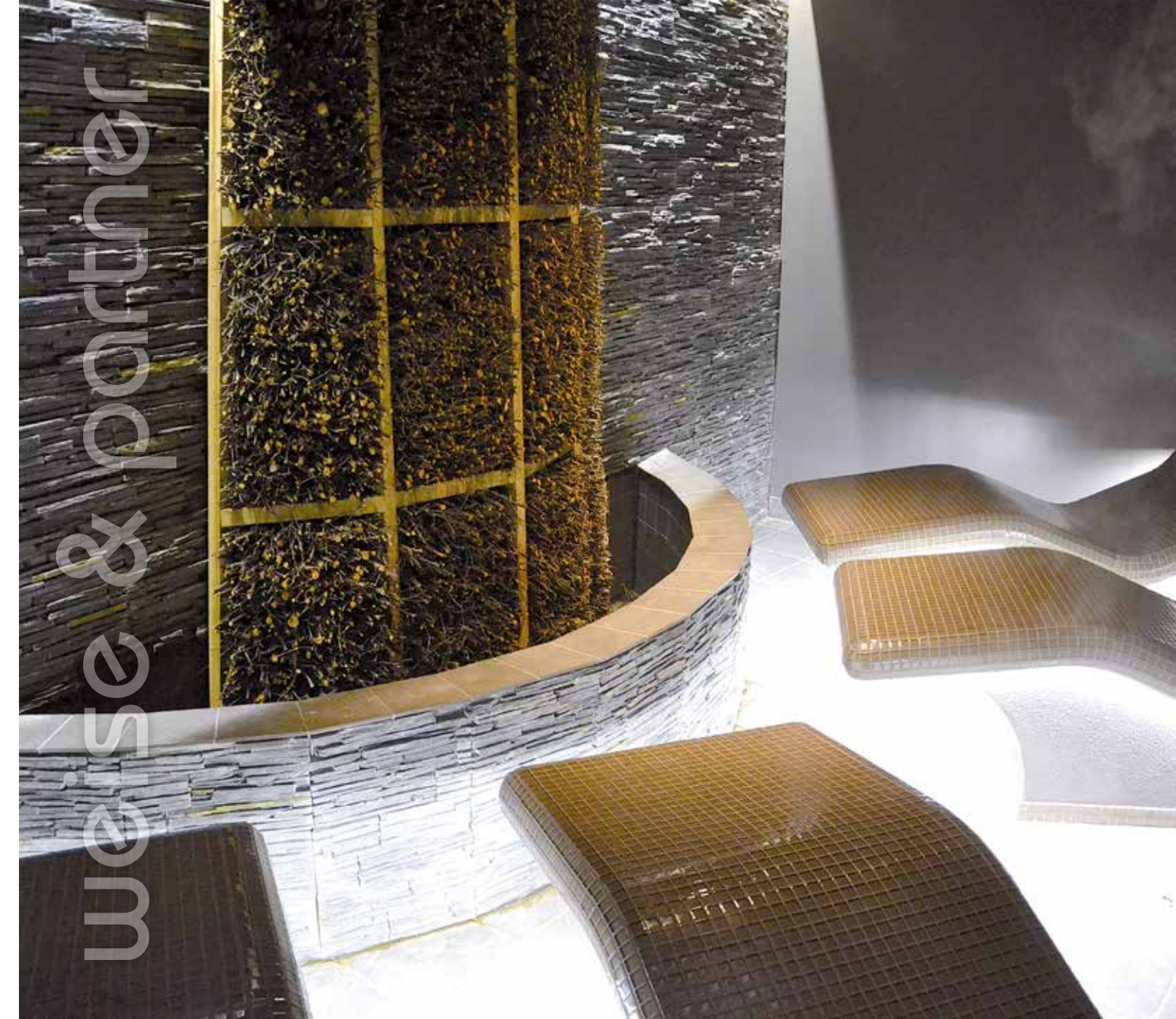


Advising · Planning · Implementing

- Development of room, theme and area concepts.
- Layout plan, detailed plan, three-dimensional representation.
- Cost calculation and specifications.
- Atmospheric, direct, and indirect lighting, light production.
- True to style and decorative interior design.
- Construction of complete spa and wellness areas.
- Construction, expansion, and reconstruction of spa and beauty facilities.
- Renovation and optimization of existing facilities.
- Construction of functional and decorative elements such as graduation towers, footbaths and water fountains.
- Interior design, textile design, and furnishings.
- Wall and floor covering with natural stone, wood, marble, mosaic etc.
- Implementation of in-style theme design.
- Decorative wall surfaces e.g. lime wash, smoothing technology etc.
- Traditional color design in full tone color, glaze and wipe technique, fresco painting, marble effect.
- Supervision of construction and coordination.

weise & partner
 GESTALTUNG FÜR SPA UND WELLNESS

Lindenberg 12 · 99438 Bad Berka/Tannroda · Tel.: (+49) 036450-39932
 Email: info@weiseundpartner.de · Internet: www.weiseundpartner.de



Gradierwerke

The Origin and Tradition of Graduation Towers

In past centuries, graduation towers, also known as thorn houses, acted as a means of salt production. Saltwater was pumped from the earth and distributed over the graduation tower. The water evaporates and the salt remained.

It was found that as a beneficial side effect, the climate in the environment surrounding these graduation towers (thorn houses) was slightly damp and salty, which is very good for inhalation.

Many spa towns have also made use of the curative effect of salt. A few examples of these are Bad Dür rheim with the health and wellness center Solemar, Bad Salzung en, Bad Soden-Allendorf, Bad Salzdetfurth, Bad Rothenfelde as well as Bad Reichenhall.

The graduation towers are traditionally built from wood. All wooden parts of the construction are not chemically treated. The wood follows old carpenter's traditions and is assembled with wooden dowel and the basic frame is made up of blackthorn. Blackthorn is environmentally protected in Germany so we get the bundled brushwood for building of the graduation tower from Poland.

Even more than 300 years ago, people knew to value the benefits of the healthy climate surrounding the graduation tower.



How the Gradation Tower Works

There is a climate in the surrounding area of the graduation tower which can be used as an „outdoor inhalatorium“ due to the evaporation of saltwater.

The air contains the mineral agents of evaporated brine. This therapeutic medium can be used in healthcare, as well as for medical treatments. The health-promoting effect of the „healing“ air, is consistently confirmed by balneologists and shows the best results when being used for the treatment of asthmatic and dermatological issues.

Pumps transport the saltwater from the collecting vessels to the source basin which is located at the top of the graduation tower. Along the whole length of the upper edge of the source basin are small recesses for the discharge of water. This guarantees an even distribution of the brine onto the blackthorn. The saltwater runs down the fine branches of the blackthorn twigs, until the smallest droplets of the brine dissolve and evaporate. While parts of the water evaporate with the graduation process, the mineral salts remain. Thereby the salt content of the graduation saltwater rises and reaches the maximum concentration at about 20%.

The Most Important Reasons for Good Cooperation

- Your project will benefit from our 30 years of experience in the spa and wellness sector.
- You will receive one (or two) competent contact partner(s) from the first consultation to the final handover.
- You will obtain an economic plan and draft, a guaranteed fixed price, and a scheduled completion date.
- You can decide whether you would like the work to be carried out from a single source, or if you would like to use your own, familiar workmen.
- You receive layout and master plans as well as visualizations drawn by hand or as computer aided design. For each trade party involved, we create a detailed plan and determine the interfaces.
- You obtain the optimal solution which is appropriate to your style and combined with modern design, ideas, and high quality execution

